

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	3	((MICHAEL) near2 (HOLZEMER)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/27 11:22
S3	3	((FRANK) near2 (SCHONBORN)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/27 11:24
S4	11	((KARL-HEINZ) near2 (RONTALER)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/27 11:24
S5	1	("6419455").PN.	USPAT; USOCR	OR	OFF	2009/07/27 11:30
S6	1	("5947692").PN.	USPAT; USOCR	OR	OFF	2009/07/27 11:59
S7	1781	(417/53).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/27 12:08
S11	22	S7 and (pressure with (speed or rpm) with motor) and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/27 12:12
S12	1	"4699570".pn.	USPAT	OR	OFF	2009/07/27 12:59
S13	1	"5165864".pn.	USPAT	OR	OFF	2009/07/27 13:00
S14	1	de-19816241-\$.did.	USPAT; DERWENT	OR	OFF	2009/07/27 13:04
S15	43184	(vacuum near2 pump \$3) and pressure and (speed or rpm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 13:17
S16	0	S15 and speed with pressure with (variation or varies or varying) with (power near2 sav \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 13:20
S17	3	S15 and ((speed or rpm) with pressure with (power near2 sav \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 13:21

S19	3	S15 and ((speed or rpm) with pressure with variation with law \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 13:25
S20	34	((speed or rpm) with pressure with variation with law\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 13:27
S21	136	S15 and((speed or rpm) near5 pressure near5 power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 13:32
S22	17	(Rival with Jean with Luc).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 14:17
S24	47	(vacuum adj pump\$1) and (pressure near5 (speed or rpm) near5 characteristics)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 14:30
S25	36	(vacuum adj pump\$1) and (pressure near5 (speed or rpm) near5 curve\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 14:45
S26	35	S25 not S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 14:45
S27	772	(vacuum adj pump\$1) and (motor near2 speed near2 control\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 15:29

S28	102	(vacuum adj pump\$1) and ((motor near2 speed near2 control\$3) with pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 15:30
S29	25	("3817658" "5141403" "5158436" "5165864" "5182826" "5259731" "5284180" "5580221" "5613514" "5746581" "5971711").PN. OR ("6045331").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/27 17:09
S30	88	(417/44.3).CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/27 20:14
S31	16	S30 and (motor near2 speed) and pressure	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/27 20:15
S39	5	speed with lookup with pressure with pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 21:21
S40	6	(speed near2 pressure near2 table) with pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 21:21
S41	3	open with loop with control with (motor near2 speed near2 pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 21:28
S42	32	open with loop with control with (speed near2 pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 21:29
S43	31	S42 not S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 21:29

S44	0	(motor adj1 speed) adj2 versus adj2 (pump near2 pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 21:39
S45	0	(motor adj1 speed) adj2 versus adj2 (pumping near2 pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 21:39
S46	34	(motor adj1 speed) adj2 (pump near2 pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/27 21:40
S47	1	dd-262065-\$.did.	USPAT; DERWENT	OR	OFF	2009/07/28 11:27
S48	2	asynchronous with motor with (vacuum near2 pump\$3)	USPAT	OR	OFF	2009/07/28 17:57
S49	53	gradually with reduc\$3 with speed with until with vacuum with reached	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 16:18
S50	1	"6425883".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 16:18
S51	1	S50 and (pneumatic adj inertia)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 16:19
S52	1	"5591127".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 16:27
S54	9	(vacuum adj2 pressure) with (versus or vs) with (speed or rpm)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 16:55
S55	1	"4664601".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 16:58
S56	52	gradually with reduc\$3 with rpm with until with vacuum with reached	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:02
S57	0	S56 not S49	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:02
S58	0	(reduc\$3 adj rpm) with (until adj vacuum)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:03
S59	0	(reduc\$3 adj rpm) with (desired adj vacuum)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:04
S60	0	(reduc\$3 adj rpm) with (desired adj2 vacuum)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:04

S61	0	(reduc\$3 adj rpm) with (vacuum adj pressure)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:04
S62	49	rpm near5 (vacuum adj pressure)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:05
S63	1	overdamped with speed with pressure	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:08
S65	19	(gradually adj reduce adj speed) with motor	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:09
S67	231	(417/423 4).CQLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:11
S68	1	(reduce adj speed) and S67	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:11
S69	1	"4380418".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:15
S70	1	"6289737".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:17
S71	1	"6234759".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:22
S72	1	"7621721".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:26
S73	1	"6022483".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:30
S74	0	actual with pressure with approaches with setpoint with pumping with speed with slows	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:42
S75	1	"7369920".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:47
S76	0	actual with pressure with approaches with setpoint with pumping with speed	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:49
S78	0	actual with pressure with approaches with setpoint with speed	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:50
S79	33	(knf near2 neuberger). as.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:59
S80	20	S79 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 17:59
S81	0	sc920	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 18:05
S82	38	(roland near2 anderson).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/07 18:05

S83	0	actual with pressure with approaches with setpoint with pumping with speed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 18:20
S84	8	actual with pressure with approaches with setpoint	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 18:20
S85	1	(pumping adj speed) with increased with (speed adj2 process)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 18:25
S86	2	(pumping adj speed) with pressure with setpoint	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 18:27
S87	29	(pump adj speed) with pressure with setpoint	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 18:28
S88	2	"6419455".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 18:40
S89	2	"4728869".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/07 18:48
S90	0	(servo adj2 control) with overdamped	USPAT	OR	OFF	2009/12/08 09:41
S91	0	(servo near2 control) with overdamped	USPAT	OR	OFF	2009/12/08 09:42
S92	20	(servo near2 overdamped)	USPAT	OR	OFF	2009/12/08 09:42
S93	1	"6731082".pn.	USPAT	OR	OFF	2009/12/08 10:22

S94	22	(US-20090041588-\$ or US-20080101962-\$ or US-20070154323-\$ or US-20070154320-\$ or US-20070104587-\$ or US-20070071610-\$ or US-20070020111-\$ or US-20050031468-\$ or US-20020182082-\$ or US-20020001523-\$). did. or (US-7413411-\$ or US-6739840-\$ or US-6599093-\$ or US-6533552-\$ or US-6474949-\$ or US-6450771-\$ or US-6158967-\$ or US-6077051-\$ or US-5846056-\$ or US-5813842-\$ or US-5775879-\$ or US-5713724-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/12/08 17:14
S95	1811	(417/53).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 17:14
S96	22	S95 and (pressure with (speed or rpm) with motor) and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 17:14
S97	0	S96 not S94	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 17:14
S98	88	(US-20050244277-\$ or US-20050118029-\$ or US-20030006891-\$). did. or (US-6902378-\$ or US-6893227-\$ or US-6487903-\$ or US-6461113-\$ or US-6186744-\$ or US-6050918-\$ or US-6022195-\$ or US-5947692-\$ or US-5819524-\$ or US-5795328-\$ or US-5791880-\$ or US-5772403-\$ or US-5762475-\$ or US-5725357-\$ or US-5718565-\$ or US-5690476-\$ or US-5624394-\$ or US-5520517-\$ or US-4955795-\$ or US-4730999-\$ or US-4687021-\$ or US-4596514-\$ or US-	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 17:15

4525125-\$ or US-
4524311-\$ or US-
4518316-\$ or US-
4507054-\$).did. or (US-
4468170-\$ or US-
3992130-\$ or US-
3694105-\$ or US-
3683600-\$ or US-
3637326-\$ or US-
3556677-\$ or US-
3434282-\$ or US-
3425416-\$ or US-
3418936-\$ or US-
3406895-\$ or US-
3339829-\$ or US-
3176095-\$ or US-
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2945446-\$ or US-
2899013-\$ or US-
2848879-\$ or US-
2834845-\$ or US-
2787960-\$ or US-
2765743-\$ or US-
2687693-\$ or US-
2512286-\$ or US-
2340034-\$ or US-
2144613-\$ or US-
2084730-\$ or US-
2049233-\$).did. or (US-
1913887-\$ or US-
1842295-\$ or US-
1716160-\$ or US-
1713558-\$ or US-
1619098-\$).did. or (US-
3556677-\$ or US-
3434282-\$ or US-
3425416-\$ or US-
3418936-\$ or US-
3406895-\$ or US-
3339829-\$ or US-
3176095-\$ or US-
3140819-\$ or US-
3067302-\$ or US-
2950682-\$ or US-
2945446-\$ or US-
2899013-\$ or US-
2848879-\$ or US-
2834845-\$ or US-
2787960-\$ or US-
2765743-\$ or US-
2687693-\$ or US-
2512286-\$ or US-
2340034-\$ or US-
2144613-\$ or US-

		2084730-\$ or US- 2049233-\$ or US- 1913887-\$ or US- 1842295-\$ or US- 1716160-\$ or US- 1713558-\$).did. or (US- 1619098-\$).did.				
S99	88	(417/44.3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 17:16
S100	0	S99 not S98	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/08 17:16
S101	95	("3360185" "3589363" "3599639" "3693613" "3723030" "3841799" "3920014" "4024866" "4144644" "4167943" "4168707" "4180074" "4184510" "4187057" "4226590" "4236880" "4256437" "4256442" "4324243" "4395258" "4424011" "4445826" "4464172" "4468219" "4475904" "4479760" "4482347" "4493695" "4493698" "4515589" "4526515" "4537561" "4599055" "4626248" "4627833" "4643717" "4650469" "4664601" "4670006" "4685902" "4706687" "4710163" "4713051" "4714464" "4735558" "4740202" "4757814" "4758238" "4759349" "4770187" "4770654" "4773897" "4790816" "4798580" "4810242" "4820265" "4838281" "4838865" "4898579" "4900302" "4902276" "4904168" "4933843" "4988336" "5087245" "5125891"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 14:46

		"5242404" "5249121" "5328478" "5346470" "5368559" "5380280" "5470312" "5624394" "Re33250").FN. OR ("5795328").URPN.				
S102	29	("3890063" "4068980" "4135860" "4219312" "4225288" "4492526" "4511312" "4518316").FN. OR ("4664601").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 16:02
S103	1	"10588466"	US-PGPUB	OR	OFF	2010/03/23 16:24
S104	30	((pumpdown or pump adj1 down) near5 speed) with pressure) and (vacuum adj2 pump \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 16:32
S105	44	((pumpdown or pump adj1 down) with speed with pressure) and (vacuum adj2 pump\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 16:43
S106	14	S105 not S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/23 16:43
S107	22	(US-20090041588-\$ or US-20080101962-\$ or US-20070154323-\$ or US-20070154320-\$ or US-20070104587-\$ or US-20070071610-\$ or US-20070020111-\$ or US-20050031468-\$ or US-20020182082-\$ or US-20020001523-\$). did. or (US-7413411-\$ or US-6739840-\$ or US- 6599093-\$ or US- 6533552-\$ or US- 6474949-\$ or US- 6450771-\$ or US- 6158967-\$ or US- 6077051-\$ or US-	US-PGPUB; USPAT	OR	OFF	2010/03/23 17:33

		5846056-\$ or US-5813842-\$ or US-5775879-\$ or US-5713724-\$).did.				
S108	1851	(417/53).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 17:33
S109	22	S108 and (pressure with (speed or rpm) with motor) and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 17:33
S110	0	S109 not S107	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 17:33
S111	6	(stores or records) with memory with motor with speed with (pressure or vacuum)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 19:19
S112	4	(stores or records) with (RAM or ROM) with motor with speed with (pressure or vacuum)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 19:33
S113	1	(stores or records) with (versus or vs) with motor with speed with (pressure or vacuum)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 19:37
S114	4	(stores or records) with (versus or vs) with speed with (pressure or vacuum)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 19:39
S118	0	pid with control\$3 with speed with pressure with (stores or records) with memory	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 19:47
S119	0	pid with control\$3 with speed with pressure with (stores or records)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 19:48
S120	2	pid with control\$3 with speed with pressure with memory	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 19:48
S122	2	(pressure near2 function near2 speed) with (stores or records)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/23 19:50
S123	155	((stores or storing or memory or data) with pressure with motor with speed) and (pump or compressor).ab.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/24 11:27
S124	1	"5591127".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/24 12:07
S125	1	"20030123990".pn.	US-PGPUB; USPAT	OR	OFF	2010/03/24 16:56

S126	1	"6375431".pn.	US-PGPUB; USPAT	OR	OFF	2010/03/24 17:47
S127	1	"5733253".pn.	US-PGPUB; USPAT	OR	OFF	2010/03/24 18:30
S128	1	"4699570".pn.	US-PGPUB; USPAT	OR	OFF	2010/03/24 18:39
S129	1	"4664601".pn.	US-PGPUB; USPAT	OR	OFF	2010/03/24 18:48
S130	1	"4225288".pn.	US-PGPUB; USPAT	OR	OFF	2010/03/24 18:50
S133	6	(vacuum with pump\$4) and (suction with pressure) and (motor with speed) and (speed with pressure) and vacuum.ab.	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/24 18:56
S134	1	de-19816241-\$.did.	USPAT; DERWENT	OR	OFF	2010/03/25 09:44
S135	22	(US-20090041588-\$ or US-20080101962-\$ or US-20070154323-\$ or US-20070154320-\$ or US-20070104587-\$ or US-20070071610-\$ or US-20070020111-\$ or US-20050031468-\$ or US-20020182082-\$ or US-20020001523-\$). did. or (US-7413411-\$ or US-6739840-\$ or US- 6599093-\$ or US- 6533552-\$ or US- 6474949-\$ or US- 6450771-\$ or US- 6158967-\$ or US- 6077051-\$ or US- 5846056-\$ or US- 5813842-\$ or US- 5775879-\$ or US- 5713724-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/08/30 20:48
S136	1906	(417/53).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/30 20:49
S137	22	S136 and (pressure with (speed or rpm) with motor) and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/30 20:49
S138	0	S137 not S135	US-PGPUB; USPAT; USOCR	OR	OFF	2010/08/30 20:49

EAST Search History (Interference)

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8/31/2010 11:08:26 AM

**C:\Documents and Settings\dkasture\My Documents\EAST\Workspaces\ Search for
Application 10_580128.wsp**